

## CLAIMS

1. The use of an effective amount of N,N'-bis(2-pyridyl)methyl-N,N'-bis(3,4,5-trimethoxybenzyl)-ethylenediamine, in a physiologically acceptable medium, in a composition or for the preparation of a composition, N,N'-bis(2-pyridyl)methyl-N,N'-bis(3,4,5-trimethoxybenzyl)ethylenediamine or the composition being intended to inhibit NO-synthase.

10 2. The use as claimed in the preceding claim, characterized in that N,N'-bis(2-pyridyl)methyl-N,N'-bis(3,4,5-trimethoxybenzyl)ethylenediamine or the composition is intended to slow down or even inhibit cell differentiation and/or proliferation.

15 3. The use as claimed in the preceding claim, characterized in that N,N'-bis(2-pyridyl)methyl-N,N'-bis(3,4,5-trimethoxybenzyl)ethylenediamine or the composition is intended to slow down or even inhibit the growth of the epidermis and/or to treat hyperproliferative disorders.

20 4. The use as claimed in claim 1, characterized in that N,N'-bis(2-pyridyl)methyl-N,N'-bis(3,4,5-trimethoxybenzyl)ethylenediamine or the composition is intended to inhibit the degradation and/or destruction of cells.

25 5. The use as claimed in claim 1, characterized in that N,N'-bis(2-pyridyl)methyl-N,N'-

bis(3,4,5-trimethoxybenzyl)ethylenediamine or the composition is intended to inhibit cellular apoptotic processes.

6. The use as claimed in claim 1,  
5 characterized in that N,N'-bis(2-pyridyl)methyl-N,N'-bis(3,4,5-trimethoxybenzyl)ethylenediamine or the composition is intended to treat intrinsic and/or extrinsic aging.

7. The use as claimed in claim 1,  
10 characterized in that N,N'-bis(2-pyridyl)methyl-N,N'-bis(3,4,5-trimethoxybenzyl)ethylenediamine or the composition is intended to inhibit or even suppress immunological and/or inflammatory processes.

8. The use as claimed in claim 7,  
15 characterized in that N,N'-bis(2-pyridyl)methyl-N,N'-bis(3,4,5-trimethoxybenzyl)ethylenediamine or the composition is intended to treat contact hypersensitivity reactions and/or allergic manifestations and/or the immune response.

20 9. The use as claimed in claim 1,  
characterized in that N,N'-bis(2-pyridyl)methyl-N,N'-bis(3,4,5-trimethoxybenzyl)ethylenediamine or the composition is intended to treat skin reactions of neurogenic origin.

25 10. The use as claimed in claim 1,  
characterized in that N,N'-bis(2-pyridyl)methyl-N,N'-

bis(3,4,5-trimethoxybenzyl)ethylenediamine or the composition is intended to treat "sensitive skin".

11. The use as claimed in claim 1, characterized in that N,N'-bis(2-pyridyl)methyl-N,N'-  
5 bis(3,4,5-trimethoxybenzyl)ethylenediamine or the composition is intended to increase the skin's barrier effect or moisturization of the skin.

12. The use as claimed in claim 1, characterized in that N,N'-bis(2-pyridyl)methyl-N,N'-  
10 bis(3,4,5-trimethoxybenzyl)ethylenediamine or the composition is intended to treat erythema, particularly erythema induced by ultraviolet radiation.

13. The use as claimed in claim 1, characterized in that N,N'-bis(2-pyridyl)methyl-N,N'-  
15 bis(3,4,5-trimethoxybenzyl)ethylenediamine or the composition is intended to treat localized or diffuse erythema skin rashes.

14. The use as claimed in claim 1, characterized in that N,N'-bis(2-pyridyl)methyl-N,N'-  
20 bis(3,4,5-trimethoxybenzyl)ethylenediamine or the composition is intended to treat rosacea.

15. The use as claimed in claim 1, characterized in that N,N'-bis(2-pyridyl)methyl-N,N'-  
bis(3,4,5-trimethoxybenzyl)ethylenediamine or the  
25 composition is intended to inhibit melanogenesis induced by type A and/or B ultraviolet radiation and/or to treat disorders of hypermelanosis type.

16. The use as claimed in claim 1,  
characterized in that N,N'-bis(2-pyridyl)methyl-N,N'-  
bis(3,4,5-trimethoxybenzyl)ethylenediamine or the  
composition is intended to control sweating.

5 17. The use as claimed in claim 1,  
characterized in that N,N'-bis(2-pyridyl)methyl-N,N'-  
bis(3,4,5-trimethoxybenzyl)ethylenediamine or the  
composition is intended to inhibit hair loss.

10 18. The use as claimed in any one of the  
preceding claims, characterized in that N,N'-bis(2-  
pyridyl)methyl-N,N'-bis(3,4,5-trimethoxybenzyl)ethy-  
lenediamine is in an amount representing from  $10^{-4}\%$  to  
20% of the total weight of the composition.

15 19. The use as claimed in the preceding  
claim, characterized in that N,N'-bis(2-pyridyl)methyl-  
N,N'-bis(3,4,5-trimethoxybenzyl)ethylenediamine is in  
an amount representing from  $5 \times 10^{-3}\%$  to 10% of the total  
weight of the composition.

20 20. A cosmetic treatment process for  
treating disorders associated with NO synthesis,  
characterized in that a cosmetic composition comprising  
at least N,N'-bis(2-pyridyl)methyl-N,N'-bis(3,4,5-  
trimethoxybenzyl)ethylenediamine in a physiologically  
acceptable medium is used by application to the skin,  
25 the hair and/or mucous membranes.